

ABSTRACT OF THE DISCLOSURE

A lens control apparatus with which a lens can be moved accurately to a target position is disclosed. The
5 lens control apparatus comprises a position sensor that outputs a detection signal that changes periodically in accordance with a movement of the lens; a first calculation unit that calculates a differential value between a phase component of position detection data that have been
10 obtained based on a detection signal of the position sensor when the lens has been moved to a predetermined reference position and a phase component of position control data for controlling the position of the lens and corresponding to the reference position and a second calculation unit that
15 calculates the target position in the position control data based on the position detection data and the differential value.